



F E D E R A L
S T U D E N T A I D

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FSA Modernization Partner

NSLDS II Reengineering
System Interface Detail Design:
Central Processing System
Prescreening Request/Results Interfaces
I-CPS-1

Version 2.0

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Document Control

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1.0	Initial Issue	09/30/2002	Troy Edwards
2.0	Incorporated 94.3.2 Deliverable Comments	11/08/2002	Troy Edwards

1 Central Processing System (CPS)

The interfaces between CPS and NSLDS II will be important components of FSA's student aid eligibility process. After an applicant has completed the Free Application for Federal Student Aid (FAFSA) and it has been processed in CPS, prescreening requests will be sent to NSLDS II. NSLDS II will process these requests and compile financial aid information currently stored within the database on that particular applicant. NSLDS II will also perform additional weekly Postscreening eligibility checks and send results to CPS. The data received from NSLDS II will then be used to assist CPS in determining an applicant's eligibility to receive Title IV aid.

CPS will also send a file to NSLDS II daily that contains updated student demographic data.

The CPS interfaces include:

- Prescreening Applicant File (**Section 1.2**)
- Prescreening Applicant Results File (**Section 1.3**)
- Postscreening Results File (**See I-CPS-2 Document**)
- Postscreening Error File (**See I-CPS-2 Document**)
- Student Demographic File (**See I-CPS-3 Document**)
- Student Demographic Error File (**See I-CPS-3 Document**)

1.1 System Specifics

1.1.1 NSLDS II

Item	Description
Production Platform (Vendor/Product Name/Version)	IBM/ Cluster 1600 Server/ 4 p-Series 660 Model 6M1 4 FastT500 Arrays
Operating System (Vendor/Product Name/Version)	Unix/AIX/V 5.1 Parallel Systems Support Program (PSSP)
DBMS (Vendor/Product Name/Version)	IBM/DB2 Universal Database (UDB)/Enterprise Extended v. 7.2
Transmission Protocol	TCP/IP
Production System IP Address	TBD
Production System Location	Meriden, CT
Contracting Organization	Accenture – Modernization Partner
Developer Location	Modernization Partner Offices – Washington DC

1.1.2 CPS

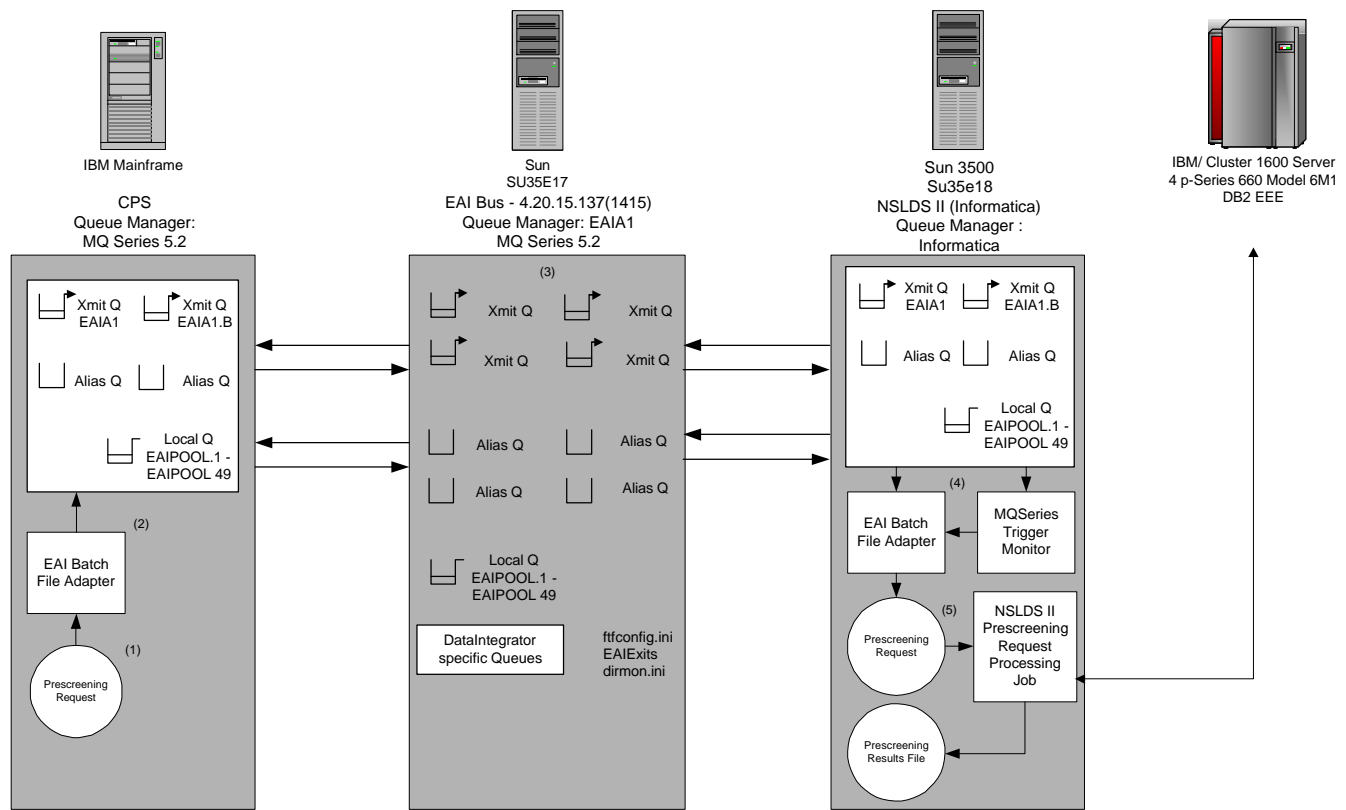
Item	Description
Production Platform (Vendor/Product Name/Version)	IBM/Mainframe
Operating System (Vendor/Product Name/Version)	IBM/OS390
DBMS (Vendor/Product Name/Version)	IBM/DB2
Transmission Protocol	TCP/IP
Production System IP Address	4.20.2.158
Production System Location	Meriden, CT (VDC)
Contracting Organization	NCS Pearson
Developer Location	Iowa City, Iowa

1.2 Prescreening Request File

1.2.1 Interface Control Specifications

Interface Name:	Prescreening Request
Interface Type/Direction:	Unidirectional, Batch Type
Interface Short Description:	<p>This document defines the processes utilized by CPS and NSLDS II to transport CPS Prescreening Request data via the EAI BUS.</p> <p>CPS will send a daily Prescreening Request file to NSLDS II over the EAI BUS. NSLDS II (Informatica) will process the request and send back a Prescreen Results File over the EAI BUS. Note: The complete Prescreen process is documented in the Prescreen Procedures Document (P-PRES-1)</p>
Requesting Application: or Source Application:	CPS is the source of the Prescreen Request File
Responding Application: or Destination Application:	NSLDS II receives the Prescreen Request file and responds with the Prescreen Results File
Detailed Technical Requirement References:	5.024
Interface Usage Frequency:	Daily
Interface Usage Volume:	110,117 Average, 7 MB average file size
Output Media:	Flat File in EBCDIC Format
Transmission Mechanism:	EAI Bus

1.2.2 Interface Flow



1.2.3 Interface Flow Description

1. The CPS system will create the Prescreen Request File
2. The EAI Batch File Adapter will move the file to the EAI BUS
3. The EAI BUS will route the file to the NSLDS II server
4. The EAI Batch File Adapter will move the file to the NSLDS II server
5. The NSLDS II (Informatica) job will process the Prescreen Request File and write the results to the Prescreen Results File.

Invocation of EAI Batch File (receive) adapter will invoke the NSLDS II Prescreening Request processing job.

1.2.4 Source System Functional Specifications

#	Responsibility
1	CPS will create the Prescreen Request File and save as a flat file
2	The data extracted will be laid out as in section 1.2.8 Each record will consist of: One Header Record Zero to Multiple Detail Records (can be absent) One Trailer Record
3	File data elements are defined as character, numeric, or date fields, where:

	<ul style="list-style-type: none"> • Character fields may contain letters, numbers, or blanks. • Numeric fields must only contain numbers. • Date fields must contain eight digits, be valid dates, and appear in the format CCYYMMDD (e.g., 19970131), where: <ul style="list-style-type: none"> – CC = 2 digits for century – YY = 2 digits for year – MM = 2 digits for month – DD = 2 digits for day <p>The following default values are used in the following types of fields:</p> <ul style="list-style-type: none"> • Character fields—must be filled with spaces. • Numeric fields—must be filled with zeroes. • Date fields—must be filled with zeroes.
4	An EAI batch file adapter will be supplied to initiate the file transfer from CPS to NSLDS II
5	CPS will provide the EAI adaptor file transfer utility with the following input parameters: Input File Name - TBD

1.2.5 Destination System Functional Specifications

#	Responsibility
1	The EAI BUS will deliver the Prescreening data file to the NSLDS II server
2	The EAI Adaptor takes the following information as input: Queue manager name - TBD Queue name - TBD Sync point counter - TBD Output file name - TBD
3	The MQ Series Trigger Monitor may trigger the NSLDS II (Informatica) Prescreening data processing job
4	The Results File is returned to CPS via the EAI BUS

1.2.6 Interface Assumptions

#	Assumption
1	MQ Series Queue Manager is installed / configured for the NSLDS II / CPS environment
2	The EAI architecture will be configured to support the transfer of data from NSLDS II to CPS
3	The file formats and logic is based on the 2002/2003 Award Year. Additional updates could be needed as requirements for the 2003/2004 Award Year are finalized
4	The complete Prescreen process is documented in the Prescreen Procedures Document (P-PRES-1)

1.2.7 Error Messages

Code	Message
NA	NA

1.2.8 File Layout

Header Record Layout

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1 – 1	1	Char	'0'	NA	NA
Header Title	2 – 28	27	Char	Value 'PRESCREENING REQUEST HEADER'.	NA	NA
Award Year	29 – 32	4	Char	Award year for which the prescreening information is requested. Value '2003' for the 2002–2003 award year.	Must be current award year	NA
CPS Submit Date	33 – 40	8	Char	Date the request is submitted. Format CCYYMMDD.	NA	NA
CPS Compute Number	41 – 43	3	Char	CPS computes number.	NA	NA
Filler	44 – 65	22	Char	Attribute to complete record length.	NA	NA

Main Detail Record Layout

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1 – 1	1	Char.	'1'	NA	NA
Current SSN	2 – 10	9	Char.	Student's SSN.	Must be found in database using normal NSLDS II logic – see Prescreen Procedures Document (P - PRES-1)	NA
First Name	11 – 19	9	Char.	Student's First Name.	Must be found in database using normal NSLDS II logic – see Prescreen Procedures Document (P-PRES-1)	NA
Last Name	20 – 35	16	Char.	Student's Last Name.	Must be found in database using normal NSLDS II logic – see Prescreen Procedures Document (P-PRES-1)	NA
Date of Birth	36 – 43	8	Char.	Student's Date of Birth. Format CCYYMMDD.	Must be found in database using normal NSLDS II logic – see Prescreen Procedures Document (P-PRES-1)	NA
Original SSN	44 – 52	9	Char.	Student's original SSN.	Must be found in database using normal NSLDS II logic – see Prescreen Procedures Document (P-PRES-1)	NA
Name ID	53 – 54	2	Char.	First two characters of student's last name.	Must be found in database using normal NSLDS II logic – see Prescreen Procedures Document (P	NA
Transaction	55 – 56	2	Char.	CPS transaction.	NA	NA
Batch Number	57 – 60	4	Num. Binary	CPS batch number.	NA	NA
Serial Number	61 – 65	5	Char.	CPS serial number.	Must be found in database using normal NSLDS II logic – see Prescreen Procedures Document (P-PRES-1)	NA

Trailer Record Layout

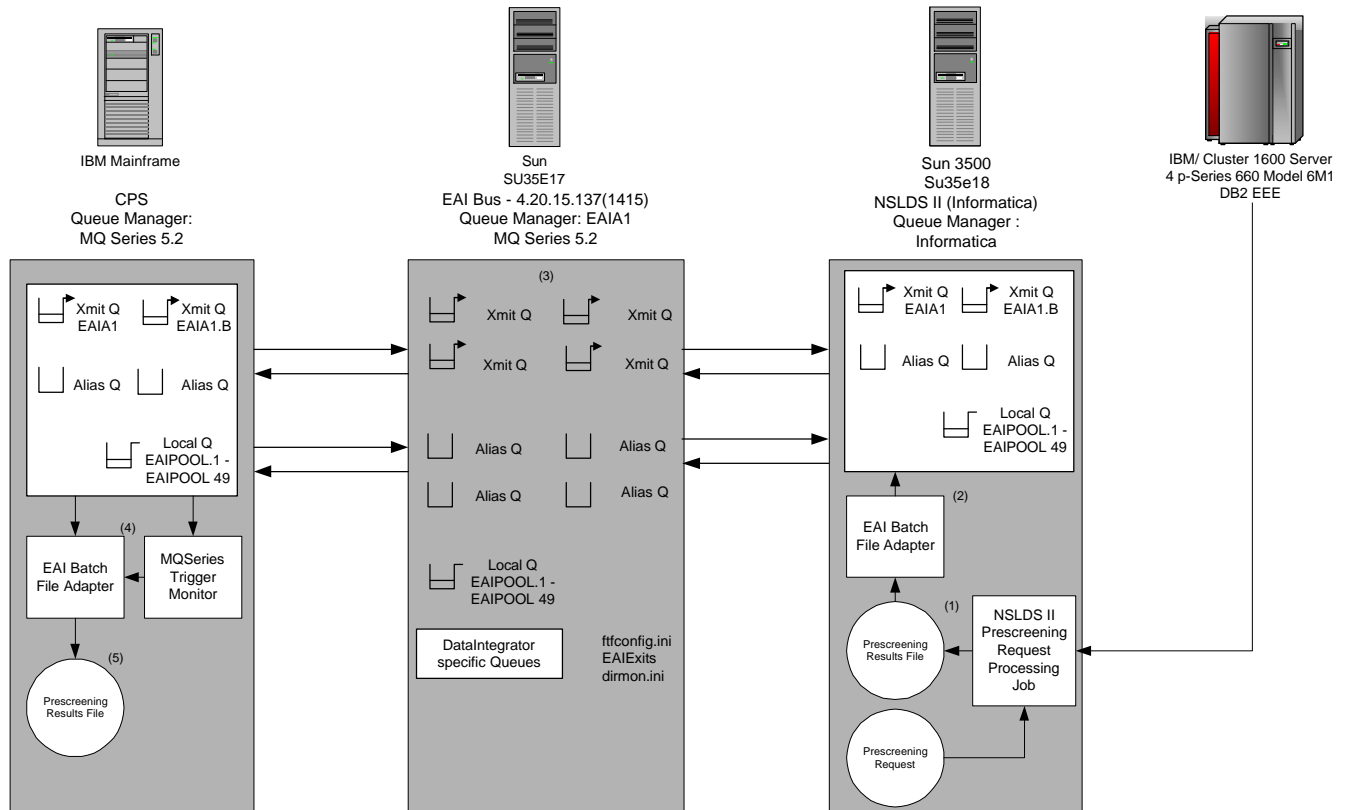
Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1 – 1	1	Char.	'9'	NA	NA
Trailer Title	2 – 29	28	Char.	Value 'PRESCREENING REQUEST TRAILER'.	NA	NA
Record Count	30 – 38	9	Num. 9(9)	Total count of detail records on this file. Does not include header and trailer.	Must equal count of detail records	NA
Filler	39 – 65	27	Char.	Attribute to complete record length.	NA	NA

1.3 Prescreening Results File

1.3.1 Interface Control Specifications

Interface Name:	Prescreening Results
Interface Type/Direction:	Unidirectional, Batch Type
Interface Short Description:	<p>This document defines the processes utilized by CPS and NSLDS II to transport Prescreening Results data via the EAI BUS.</p> <p>CPS will send a daily Prescreening Request file to NSLDS II over the EAI BUS. NSLDS II (Informatica) will process the request and send back a Prescreening Results File over the EAI BUS.</p>
Requesting Application: or Source Application:	NSLDS II is the source of the Prescreening Results file
Responding Application: or Destination Application:	CPS receives the Prescreening Results file
Detailed Technical Requirement References:	5.025
Interface Usage Frequency:	Daily
Interface Usage Volume:	293,527 Average, 41 MB per File Average
Output Media:	Flat File in EBCDIC Format
Transmission Mechanism:	EAI Bus

1.3.2 Interface Flow



1.3.3 Interface Flow Description

1. The NSLDS II system (Informatica) produces the Prescreening Results file
2. The EAI Batch File Adapter will move the file to the EAI BUS
3. The EAI BUS will route the file to the CPS server
4. The EAI Batch File Adapter will move the file to the CPS server

1.3.4 Source System Functional Specifications

#	Responsibility
1	NSLDS II (Informatica) will produce the Prescreening Results file and save it as a flat file
2	The data extracted will be laid out as in section 1.3.8 Each record will consist of: One Header record, one Main Detail record, zero to three Pell Information Detail Records, zero to 6 Loan Detail Records, and one Trailer record
3	File data elements are defined as character, numeric, or date fields, where: <ul style="list-style-type: none"> • Character fields may contain letters, numbers, or blanks. • Numeric fields must only contain numbers.

	<ul style="list-style-type: none"> Date fields must contain eight digits, be valid dates, and appear in the format CCYYMMDD (e.g., 19970131), where: <ul style="list-style-type: none"> CC = 2 digits for century YY = 2 digits for year MM = 2 digits for month DD = 2 digits for day <p>The following default values are used in the following types of fields:</p> <ul style="list-style-type: none"> Character fields—must be filled with spaces. Numeric fields—must be filled with zeroes. Date fields—must be filled with zeroes.
4	An EAI batch file adapter will be supplied to initiate the file transfer from NSLDS II to CPS
5	NSLDS II will provide the EAI adaptor file transfer utility with the following input parameters: Input File Name – TBD

1.3.5 Destination System Functional Specifications

#	Responsibility
1	The EAI BUS will deliver the Prescreening Results file to the CPS server
2	The EAI Adaptor takes the following information as input: Queue manager name - TBD Queue name - TBD Sync point counter - TBD Output file name - TBD

1.3.6 Interface Assumptions

#	Assumption
1	MQ Series Queue Manager is installed / configured for the NSLDS II / CPS environment
2	The EAI architecture will be configured to support the transfer of data from NSLDS II to CPS
3	The file formats and logic is based on the 2002/2003 Award Year. Additional updates could be needed as requirements for the 2003/2004 Award Year have been finalized
4	Detailed Prescreening functionality is outlined in the Prescreening Procedures document (P-PRES-1)

1.3.7 Error Messages

Code	Message
NA	NA

1.3.8 File Layout

Header Record Layout

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1-1	1	Char.	'0'	NA	NA
Header Title	2-20	19	Char.	Value 'PRESCREENING HEADER'	NA	NA
CPS Submit Date	21-28	8	Char.	Date on which the request is submitted. Format CCYYMMDD.	Copied from Input Record	NA
CPS Award Year	29-32	4	Char.	Award year for which the prescreening information is requested. Value '2003' for 2002-2003 award year.	NA	NA
CPS Compute Number	33-35	3	Char.	CPS compute number	Copied from Input Record	NA
Filler	36-200	175	Char.	Attribute to complete record length.	NA	NA

Main Detail Record Layout

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1 – 1	1	Char.	'1'	NA	NA
Sequence	2 – 3	2	Char.	Sequence number for sorting records.	Value '01'	NA
Current SSN	4 – 12	9	Char.	Student's SSN.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / CURR_SSN
First Name	13 – 21	9	Char.	Student's First Name.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / FST_NM
Last Name	22 – 37	16	Char.	Student's Last Name.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / LST_NM
CPS Date of Birth	38 – 45	8	Char.	Student's Date of Birth. Format CCYYMMDD.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / CPS_DOB
Match Result Indicator	46 – 46	1	Char.	1 = Unique match, data sent. 2 = Match on current SSN without confirmation of name or DOB. 3 = No match on SSN or match on historical SSN without confirmation of name or DOB. 4 = Unique match, no data sent.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT / MTCH_RSL T_IND

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Deceased Flag	47 – 47	1	Char.	NSLDS II Internal Use. 'Y' or 'N'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / DCSD_FLAG
Pell Overpayment Indicator	48 – 48	1	Char.	Indicates Pell overpayments. 'Y', 'N', 'S', 'D', or 'W'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / PELL_OVERPMT_IND
Pell Overpayment Contact	49 – 56	8	Char.	Contact for Pell overpayment. Value is 'N/A' when no overpayments, contact code when 1 overpayment, or 'Y' when more than 1 overpayment.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / PELL_OVERPMT_CON_CD
FSEOG Overpayment Indicator	57 – 57	1	Char.	Indicates FSEOG overpayments. 'Y', 'N', 'S', 'D', or 'W'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / FSEOG_OVERPMT_IND
FSEOG Overpayment Contact	58 – 65	8	Char.	Contact for FSEOG overpayment. Value is 'N/A' when no overpayments, contact code when 1 overpayment, or 'Y' when more than 1 overpayment.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / FSEOG_OVERPMT_CON_CD

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Perkins Overpayment Indicator	66 – 66	1	Char.	Indicates Perkins overpayments. 'Y', 'N', 'S', 'D', or 'W'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / PERK_OVRPMT_IND
Perkins Overpayment Contact	67 – 74	8	Char.	Contact for Perkins overpayment. Value is 'N/A' when no overpayments, contact code when 1 overpayment, or 'Y' when more than 1 overpayment.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / PERK_OVRPMT_CON_CD
Defaulted Loans Flag	75 – 75	1	Char.	Indicates 1 or more defaulted loans. 'Y' or 'N'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / DEF_LOAN_FLAG
Discharged Loans Flag	76 – 76	1	Char.	Indicates 1 or more discharged loans. 'Y' or 'N'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / DSCHG_LOAN_FLAG
Satisfactory Arrangements Flag	77 – 77	1	Char.	Indicates 1 or more loans with satisfactory repayment arrangements. 'Y' or 'N'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / SAT_ARRNG_FLAG
Active Bankruptcy Flag	78 – 78	1	Char.	Indicates 1 or more active bankruptcy loans. 'Y' or 'N'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / ACT_BNKRPT_FLAG

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Aggregate Subsidized Outstanding Principal Balance	79 – 84	6	Char.	Outstanding principal balance for subsidized loan types (D1, D6, and subsidized SF). Value is balance or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_SUB_OPB
Aggregate Unsubsidized Outstanding Principal Balance	85 – 90	6	Char.	Outstanding principal balance for unsubsidized loan types (D2, D5, RF, non-subsidized SF, SL, and SU). Value is balance or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_UNSUB_PRIN_BAL
Aggregate Combined Outstanding Principal Balance	91 – 96	6	Char.	Outstanding principal balance for subsidized and unsubsidized loan types (D1, D2, D5, D6, RF, SF, SL, and SU). Value is balance or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_CMBN_OUT_PRIN
Aggregate Consolidation Outstanding Principal Balance	97 – 102	6	Char.	Outstanding principal balance for Consolidation loan type CL. Value is balance or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_CONSL_PRIN_BAL

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Aggregate Subsidized Pending Disbursements	103 – 108	6	Char.	Pending disbursements for subsidized loan types (D1, D6, and subsidized SF). Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_SUB_PEND_DIS
Aggregate Unsubsidized Pending Disbursements	109 – 114	6	Char.	Pending disbursements for unsubsidized loan types (D2, D5, RF, non-subsidized SF, SL, and SU). Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_UNSUB_PEND_DIS
Aggregate Combined Pending Disbursements	115 – 120	6	Char.	Pending disbursements for subsidized and unsubsidized loan types (D1, D2, D5, D6, RF, SF, SL, and SU). Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_CM DN_PND_DIS
Aggregate Subsidized Total	121 – 126	6	Char.	Total for subsidized loan types (D1, D6, and subsidized SF). Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_SUB_TOT

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Aggregate Unsubsidized Total	127 – 132	6	Char.	Total for unsubsidized loan types (D2, D5, RF, non-subsidized SF, SL, and SU). Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_UNSUB_TOT
Aggregate Combined Total	133 – 138	6	Char.	Total for subsidized and unsubsidized loan types (D1, D2, D5, D6, RF, SF, SL, and SU). Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_CMBN_TOT
Aggregate Consolidation Total	139 – 144	6	Char.	Total for consolidation loan type CL. Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_CONSL_TOT
Perkins Total Disbursements	145 – 150	6	Char.	Total Perkins (DU, EU, NU, and PU) loan outstanding principal balances. Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / PERK_TOT_DIS
Perkins Currant Award Year Disburse	151 – 156	6	Char.	Total Perkins (DU, EU, NU, and PU) loan disbursements for 2001–2002 award year (July–June). Value is amount or 'N/A' if no applicable loans.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / PERK_CURR_YR_DIS

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Defaulted Loans Change Flag	157 – 157	1	Char.	Indicates a change in the defaulted loan flag since the previous prescreening. ‘#’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / DEF_LOAN_CHG_FLAG
Discharged Loans Change Flag	158 – 158	1	Char.	Indicates a change in the discharged loan flag since the previous prescreening. ‘#’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / DSCHG_LOAN_CHG_FLAG
Satisfactory Arrange Change Flag	159 – 159	1	Char.	Indicates a change in the loan satisfactory repayment arrangements flag since the previous prescreening. ‘#’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / SAT_ARRNG_CHG_FLAG
Active Bankruptcy Change Flag	160 – 160	1	Char.	Indicates a change in the active bankruptcy flag since the previous prescreening. ‘#’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / ACT_BNKRPT_CHG_FLAG
Overpayments Change Flag	161 – 161	1	Char.	Indicates a change in the overpayment information since the previous prescreening. ‘#’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / OVRPMT_CHG_FLAG
Aggregates Change Flag	162 – 162	1	Char.	Indicates a change in the aggregates information since the previous prescreening. ‘#’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / AGG_CHG_FLAG

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Perkins Change Flag	163 – 163	1	Char.	Indicates a change in the Perkins information since the previous prescreening. ‘#’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / PERK_CHG_FLAG
Pell Change Flag	164 – 164	1	Char.	Indicates a change in the Pell information since the previous prescreening. ‘#’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / PELL_CHG_FLAG
Additional Pell Flag	165 – 165	1	Char.	Indicates additional Pell information for the student. ‘Y’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / ADDL_PELL_FLAG
Additional Loans Flag	166 – 66	1	Char.	Indicates additional loan information for the student. ‘Y’ or ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / ADDL_LOAN_FLAG
DL MPN Flag	167 – 167	1	Char.	Direct Loan Master Promissory Note Flag. ‘A’, ‘T’, ‘C’, ‘N’.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / DL_MPN_Flag
Filler	168 – 178	1	Char.	Filler	NA	NA
CPS Original SSN	179 – 187	9	Char.	Student’s original SSN.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_ORIG_SSN

Data Element	Field Position	Length	Type	Description	Edits	Mapping
CPS Name ID	188 – 189	2	Char.	First two characters of student's last name.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_NM_ID
CPS Transaction	190 – 191	2	Char.	CPS transaction.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_TRAN
CPS Batch Number	192 – 195	4	Num. Binary	CPS batch number.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_Batch_Number
CPS Serial Number	196 - 200	5	Char.	CPS serial number.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_SBMT_DT

Pell Information Record Layout (Sequenced by corresponding received data in descending order)

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1 – 1	1	Char.	'2'	NA	NA
Sequence Number	2 – 3	2	Char.	Sequence number for sorting Pell Information records. Value starts at '01' and is incremented by 1 as needed.	NA	PRSCRN_RSLT_PELL / SEQ_NO
Current SSN	4 – 12	9	Char.	Student's SSN.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / CURR_SSN

Data Element	Field Position	Length	Type	Description	Edits	Mapping
First Name	13 – 21	9	Char.	Student's First Name.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / FST_NM
Last Name	22 – 37	16	Char.	Student's Last Name.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / LST_NM
CPS Date of Birth	38 – 45	8	Char.	Student's Date of Birth. Format CCYYMMDD.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / CPS_DOB
Accepted Verification Status	46 – 48	3	Char.	Verification Status or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL / ACCPT_VR FY_STAT
Expected Family Contribution	49 – 54	6	Num. 9(6)	Expected family contribution.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL /EXP_FAM _CONTRIB
OPE ID	55 – 62	8	Char.	School/school branch for the grant or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL /OPE_ID
Transaction Number	63 – 64	2	Char.	Transaction number.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL / TRAN_NO
As of Date Text	65 – 72	8	Char.	The latest disbursement date. Format CCYYMMDD. Value is date or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL /AS_OF_DT _TEXT

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Scheduled Amount	73 – 78	6	Num. 9(6)	Scheduled amount.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL / SCHED_A MT
Amount Paid To Date	79 – 84	6	Num. 9(6)	Disbursed amount.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL /AMT_PAID _TO_DT
Remaining Amount To Pay	85 – 90	6	Num. 9(6)	Remaining amount to be disbursed.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL / REMN_AM T_TO_PAY
Percent Eligibility_Used Decimal	91 – 95	5	Num. 9(6)	Segment percentage eligibility used.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL / PCT_ELIG_ USED_DEC M
Award Amount	96 – 101	6	Num. 9(6)	The accepted origination amount.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT_PELL / PELL_AWA RD_AMT
Filler	102 – 178	77	Char.	Attribute to complete record length.	NA	NA
CPS Original SSN	179 – 187	9	Char.	Student's original SSN.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_R SLT / CPS_ORIG_ SSN

Data Element	Field Position	Length	Type	Description	Edits	Mapping
CPS Name ID	188 – 189	2	Char.	First two characters of student's last name.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_NM_ID
CPS Transaction	190 – 191	2	Char.	CPS transaction.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_TRAN
CPS Batch Number	192 – 195	4	Num. Binary	CPS batch number.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_Batch_Number
CPS Serial Number	196 - 200	5	Char.	CPS serial number.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_SBMT_DT

Loan Detail Record Layout

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record_Type	1-1	1	Char.	'3'	NA	NA
D_Sequence_Number	2-3	2	Char.	Sequence number for sorting loan records. Value starts at '01' and is incremented by 1 as needed.	NA	PRSCRN_RSLT_LOAN / SEQ_NO
Current_SSN	4-12	9	Char.	Student's SSN	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / CURR_SSN
First_Name	13-21	9	Char.	Student's First Name	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / FST_NM
Last_Name	22-37	16	Char.	Student's Last Name	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / LST_NM
CPS_Date_of_Birth	38-45	8	Char.	Student's Date of Birth. Format CCYYMMDD.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_A PPL / CPS_DOB
Defaulted_Recent_Indicator	46-46	1	Char.	Indicates whether the information is for a defaulted, discharged, or recent (neither defaulted nor discharged) loan. 'D', 'T', or 'R'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / DEF_RCNT_IND

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Change_Flag	47-47	1	Char.	Indicates the net loan amount or current status code changed since the last prescreening. '#' or 'N'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / CHG_FLAG
Loan_Type_Code	48-49	2	Char.	Loan type	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / LOAN_TYPE_CODE
D_Net_Amount	50-55	6	Num. 9(6)	Amount of loan/guaranty minus total amount of cancellations.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / NET_AMT
Current_Status_Code	56-57	2	Char.	Code for current loan status.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / CURR_STATUS_CODE
Current_Status_Date	58-65	8	Char.	Date of current loan status. Format CCYYMMDD.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / CURR_STATUS_DT
Outstanding_Principal_Balance_Text	66-71	6	Char.	Amount of outstanding principal balance. Value is balance or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / OUT_PRIN_BAL_TEXT

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Outstanding_Prin_Bal_Date_Text	72-79	8	Char.	Date of amount of outstanding principal balance. Format CCYYMMDD. Value is date or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / OUT_PRIN_BAL_DT_TX
Period_Begin_Date_Text	80-87	8	Char.	Date enrollment begins. Format CCYYMMDD. Value is date or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / PER_BEG_DT_TEXT
Period_End_Date_Text	88-95	8	Char.	Date enrollment ends. Format CCYYMMDD. Value is date or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / PER_END_DT_TEXT
Current_GA_Code	96-98	3	Char.	Current GA code or 'N/A' if none.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / CURR_GA_CODE
Contact_Type	99-101	3	Char.	A code indicating the contact type or 'N/A' if none.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / CNTCT_TYPE
OPE_ID	102-109	8	Char.	School/school branch responsible for originating loan or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / OPE_ID
Contact	110-117	8	Char.	Contact for loan. Value is contact code or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / CNTCT

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Academic_Level	118-120	3	Char.	Academic level (grade level) of student when loan obtained. Value is academic level or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / ACAD_LVL
Additional_Unsub_Flag	121-121	1	Char.	Additional unsubsidized flag. 'P', 'H', 'B', or 'N'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / ADDL_UNSUB_FLAG
Capitalized_Int_Flag	122-122	1	Char.	Capitalized Interest flag. 'Y' or 'N'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / CAP_INT_FLAG
Last_Disbursement_Amount_Text	123-128	6	Char.	Amount of last disbursement. Value is amount or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / Last_Disbursement_Amount_Text
Last_Disbursement_Date_Text	129-136	8	Char.	Date of last disbursement. Format CCYYMMDD. Value is date or 'N/A'.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT_LOAN / Last_Disbursement_Date_Text
Filler	137-178	42	Char.	Attribute to complete record length.	NA	NA
CPS_Original_SSN	179-187	9	Char.	Student's original SSN	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_ORIG_SSN

Data Element	Field Position	Length	Type	Description	Edits	Mapping
CPS_Name_ID	188-189	2	Char.	First two characters of student's last name.	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_NM_ID
CPS_Transaction	190-191	2	Char.	CPS transaction	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_TRAN
CPS_Batch_Number	192-195	4	Num. Binary	CPS batch number	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_Batch_Number
CPS_Serial_Number	196-200	5	Char.	CPS serial number	See Prescreen Procedures Document (P - PRES-1)	PRSCRN_RSLT / CPS_SBMT_DT

Trailer Record Layout

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1 – 1	1	Char.	'9'	NA	NA
Trailer Title	2 – 21	20	Char.	Value 'PRESCREENING TRAILER'.	NA	NA
Record Count	22 – 30	9	Num. 9(9)	Total count of detail records on this file. Does not include header and trailer.	NA	NA

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Applicant Records Sent Count	31 – 39	9	Num. 9(9)	Total count of CPS applicant records sent to NSLDS II for matching.	NA	NA
Filler	40 - 190	161	Char.	Attribute to complete record length.	NA	N A

1.4 Appendix A

Loan Status Codes:

Code	Description
AE	Loan Transferred to New Holder
AL	Abandoned Loan
BC	Bankruptcy Claim, Discharged
BK	Bankruptcy Claim, Active
CA	Cancelled
CS	Closed School Discharge
DA	Deferred
DB	Defaulted, Then Bankrupt, Active, Chapter 13
DC	Defaulted, Compromise
DD	Defaulted, Then Died
DE	Death
DF	Defaulted, Unresolved
DI	Disability
DK	Defaulted, Then Bankrupt, Discharged, Chapter 13
DL	Defaulted, in Litigation
DN	Defaulted, Then Paid in Full By Consolidation
DO	Defaulted, Then Bankrupt, Active, Other
DP	Default, Paid in Full
DR	Defaulted Loan Included in A Rolled-Up Loan
DS	Defaulted, Then Disabled
DT	Defaulted, Collection Terminated
DU	Defaulted, Unresolved
DW	Defaulted, Write-Off
DX	Defaulted, Six Consecutive Payments
DZ	Defaulted, Six Consecutive Payments, Then Missed Payment (s)
FB	Forbearance
FC	False Certification Discharge
IA	Loan Originated

Code	Description
ID	In School or Grace Period
IG	In Grace Period
IM	In Military Grace
IP	In Post-Deferment Grace Period
IT	Loan Transferred by DCS
OD	Defaulted, Then Bankrupt, Discharged, Other
PC	Paid in Full Through Consolidation Loan
PF	Paid in Full
PM	Presumed Paid in Full
PN	Non-Defaulted, Paid in Full Through Consolidation Loan
RF	Refinanced
RH	Loan Transferred by DCS to Sallie Mae
RP	In Repayment
TG	Loan Transferred by DCS to GA927
UA	Temporarily Uninsured–No Default Claim Requested
UB	Temporarily Uninsured–Default Claim Denied
UC	Permanently Uninsured/Unreinsured–No Default Claim Requested
UD	Permanently Uninsured/Unreinsured–Default Claim Denied
UI	Unreinsured
XD	Defaulted, Six Consecutive Payments

NSLDS II uses the following loan status codes to determine defaulted loans. The codes set the Defaulted Loans Flag. The codes also set the Defaulted/Recent Indicator to 'D'.

- DB
- DF
- DL
- DO
- DT
- DU
- DW
- DZ

NSLDS II uses the following loan status codes to determine discharged loans. The codes set the Discharged Loans Flag. The codes also set the Defaulted/Recent Indicator to 'T'.

- DD
- DE
- DI
- DS

Perkins Loans with death (PD) or disability (PI) cancellations also causes the Discharged Loans Flag to be set regardless of their loan status code and set the Defaulted/Recent Indicator to 'T'.

NSLDS II uses the following loan status codes to determine Satisfactory Arrangements loans. The codes set the Satisfactory Arrangements Flag.

- DX
- XD

NSLDS II uses the following loan status codes to determine Active Bankruptcy loans. The codes set the Active Bankruptcy Flag.

- BK
- DB
- DO

NSLDS II uses the following loan status codes to determine loans to bypass or exclude from consideration when calculating the various Aggregate Outstanding Principal Balance fields:

- BC
- CA
- CS
- DC
- DD
- DE
- DI
- DK
- DN
- DP
- DR
- DS
- FC
- OD
- PC
- PF
- PM
- PN
- RF

- UC
- UD
- UI

For prescreening, the following loan status codes are used in determining loans to display, that is, eligible for selection for loan detail records:

- AL
- BK
- DA
- DB
- DD
- DE
- DF
- DI
- DL
- DO
- DS
- DT
- DU
- DW
- DX
- DZ
- FB
- IA
- ID
- IG
- IM
- IP
- RP
- UA
- UB
- UD
- XD

Also, Perkins Loans with death (PD) or disability (PI) cancellations are also eligible for selection regardless of their loan status code. Once a loan has been selected for an applicant, it will always be selected for all later Prescreenings in the same award year even though the status would indicate otherwise, unless the loan has been deleted or been assigned to a different applicant.

NSLDS II uses the following loan status codes to set the deceased flag.

- DD
- DE

NSLDS II uses the following loan status codes when determining pending disbursements.

- IA
- ID
- IG
- IM

Loan Type Codes

Program	Code	Description
FFEL	CL	FFEL Consolidation
	PL	FFEL PLUS
	RF	FFEL Refinanced
	SF	FFEL Stafford Sub
	SL	Supplemental Loan (SLS)
	SN	FFEL Stafford Non-Sub
	SU	FFEL Stafford Unsub
FDLP	D1	Direct Stafford Subsidized
	D2	Direct Stafford Unsubsidized
	D4	Direct PLUS
	D5	Direct Consolidation Unsub
	D6	Direct Consolidation Sub
	D7	Direct PLUS Consolidation
FISL	FI	Federally Insured (FISL)
PERKINS	DU	National Defense Loan
	EU	Perkins Expanded Lending
	IC	Income Contingent (ICL)
	NU	NDSL
	PU	Federal Perkins

Note that type code SN is not a valid code in NSLDS II. It is used only in output to represent a non-subsidized Stafford loan. SN indicates an FFEL Stafford Loan (SF) where the period begin date is prior to October 1, 1992, and the subsidy indicator is not 'Y'. SF loans not meeting these criteria retain the SF loan type code.

Use of N/A Code

Rather than spaces, which would be unclear, the value “N/A” is used in several situations to indicate that a field is not applicable or data is not available. When used, N/A is left justified in the field and any remaining positions are filled with spaces.

Fields in which N/A may appear are:

- Overpayment contact (Pell, FSEOG, and Perkins)
- Aggregate amounts
- Perkins disbursement amounts
- Pell As of date
- Outstanding principal balance
- Outstanding principal balance date
- Period begin date
- Period end date
- Current GA code
- Contact type
- School/Branch (OPE ID)
- Contact
- Academic Level (Grade Level)
- Accepted Verification Status
- Last Disbursement Amount
- Last Disbursement Date

N/A is also substituted in school/branch (OPE ID) and contact fields when a code of 88888800, 88888811, or 99999900 would result. These three values are special school/branch codes used for reporting refinanced loans, consolidation loans, or for plug values when the real school/branch code is unknown.

1.5 Appendix B

NSLDS II Filed Calculations (See the Prescreen Procedure Document (I-PRES-1) for More Detail):

Applicant Result Main Detail Record (Type 1)

Match Results Indicator

- = 1, if the applicant information uniquely matches a student or parent borrower and relevant aid information is returned. Once a prescreening for an applicant (identified by SSN, name, and DOB) gets a match result of 1, all later prescreenings uniquely matching the applicant will return a match result of 1.
- = 2, if the applicant SSN matches a student or parent borrower SSN but is not uniquely confirmed by name or DOB.
NOTE: If the matched student or parent borrower has no significant aid information affecting eligibility (defaulted loan; Subsidized, Unsubsidized, Combined, Consolidated, or Perkins aggregate amount; overpayment; or Pell grant in current or prior award year), then a Match Results Indicator of 4 is returned.
- = 3, if the applicant SSN matches no student or parent borrower or the applicant SSN matches a student or parent borrower historical SSN but is not uniquely confirmed by name or DOB
- = 4, if the applicant information uniquely matches a student or parent borrower but no relevant aid information is returned

Deceased Flag

- = Y, if applicant has one or more loans with one of the deceased loan status codes
- = N, otherwise

Pell Overpayment Indicator

- = Y, if applicant has one or more Pell overpayments which has not been deferred, not been waived, and does not have satisfactory arrangements made
- = D, if applicant has one or more Pell overpayments which has been deferred
- = W, if applicant has one or more Pell overpayments which has been waived
- = S, if applicant has one or more Pell overpayments which has satisfactory arrangements made
- = N, if applicant has no Pell overpayments

Note: In the case of multiple overpayments, order of precedence is Y (first), D, W, and S.

Pell Overpayment Contact

- = N/A, if applicant has no Pell overpayments
- = 05, if applicant has one Pell overpayment and overpayment source is EDR and region code is not 04, 05, or 09
- = ED region, if applicant has one Pell overpayment and overpayment source is EDR and region code is 04, 05, or 09
- = school OPE ID, if applicant has one Pell overpayment and overpayment source is not EDR
- = Y, if applicant has more than one Pell overpayment

FSEOG Overpayment Indicator

Same as Overpayment Pell Indicator except for FSEOG overpayments

FSEOG Overpayment Contact

Same as Overpayment Pell Contact except for FSEOG overpayments

Perkins Overpayment Indicator

Same as Overpayment Pell Indicator except for Perkins overpayments

Perkins Overpayment Contact

Same as Overpayment Pell Contact except for Perkins overpayments

Defaulted Loans Flag

= Y, if applicant has one or more loans with one of the defaulted loan status codes

= N, otherwise

Discharged Loans Flag

= Y, if applicant has one or more loans with one of the discharged loan status codes or one or more Perkins loans with cancellations for death (PD) or disability (PI)

= N, otherwise

Satisfactory Arrangements Flag

= Y, if applicant has one or more loans with one of the satisfactory arrangements loan status codes

= N, otherwise

Active Bankruptcy Flag

= Y, if applicant has one or more loans with one of the active bankruptcy loan status codes

= N, otherwise

Aggregate Subsidized Outstanding Principal Balance

= Σ "determined amount",

where "determined amount" is as follows:

If loan type equals SF (subsidized), D1, or D6

and loan status does not equal one of the bypass loan status codes

If loan type equals SF (subsidized)

and LOAN DATE_ID is within the last year based on the system date

and loan status equals one of the pending disbursement loan status codes

Then

"determined amount" = the greater of LOAN

D_TOTAL_DISBURSEMENT_AMOUNT or LOAN

OUTSTANDING_PRINCIPAL_BALANCE (not to exceed Loan Net Amount)

Else

"determined amount" = the lessor of Loan Net Amount,

OUTSTANDING_PRINCIPAL_BALANCE, D_TOTAL_DISBURSEMENT_AMOUNT.

= N/A, if no loans meeting criteria

Aggregate Unsubsidized Outstanding Principal Balance

= Σ “determined amount”,

where “determined amount” is as follows:

If loan type equals SF (non-subsidized), SU, SL, D2, D5, or RF

and loan status does not equal one of the bypass loan status codes

If loan type equals SF (non-subsidized), SU, SL, or RF

and LOAN DATE_ID is within the last year based on the system date

and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN

D_TOTAL_DISBURSEMENT_AMOUNT or LOAN

OUTSTANDING_PRINCIPAL_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,

OUTSTANDING_PRINCIPAL_BALANCE, D_TOTAL_DISBURSEMENT_AMOUNT.

= N/A, if no loans meeting criteria

Aggregate Combined Outstanding Principal Balance

= Σ “determined amount”,

where “determined amount” is as follows:

If loan type equals SF (subsidized and non-subsidized), SU, SL, D1, D2, D5, D6, or RF

and loan status does not equal one of the bypass loan status codes

If loan type equals SF (subsidized and non-subsidized), SU, SL, or RF

and LOAN DATE_ID is within the last year based on the system date

and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN

D_TOTAL_DISBURSEMENT_AMOUNT or LOAN

OUTSTANDING_PRINCIPAL_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,

OUTSTANDING_PRINCIPAL_BALANCE, D_TOTAL_DISBURSEMENT_AMOUNT.

= N/A, if no loans meeting criteria

Aggregate Consolidated Outstanding Principal Balance

= Σ “determined amount”,

where “determined amount” is as follows:

If loan type equals CL

and loan status does not equal one of the bypass loan status codes

If LOAN DATE_ID is within the last year based on the system date

and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN

D_TOTAL_DISBURSEMENT_AMOUNT or LOAN

OUTSTANDING_PRINCIPAL_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,
OUTSTANDING_PRINCIPAL_BALANCE, D_TOTAL_DISBURSEMENT_AMOUNT.

= N/A, if no loans meeting criteria

Aggregate Subsidized Pending Disbursement

= Σ “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes
and LOAN DATE_ID is within the last year based on the system date

If loan type equals SF (subsidized)

Then

“determined amount” = the Loan Net Amount – Aggregate Subsidized Outstanding
Principal Balance “determined amount” above (but not less than zero).

If loan type equals D1 or D6

“determined amount” = the Loan Net Amount – LOAN
D_TOTAL_DISBURSEMENT_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

Aggregate Unsubsidized Pending Disbursement

= Σ “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes
and LOAN DATE_ID is within the last year based on the system date

If loan type equals SF (non-subsidized), SU, SL, or RF

Then

“determined amount” = the Loan Net Amount – Aggregate Subsidized Outstanding
Principal Balance “determined amount” above (but not less than zero).

If loan type equals D2 or D5

“determined amount” = the Loan Net Amount – LOAN
D_TOTAL_DISBURSEMENT_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

Aggregate Combined Pending Disbursement

= Σ “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes
and LOAN DATE_ID is within the last year based on the system date

If loan type equals SF (subsidized and non-subsidized), SU, SL, or RF

Then

“determined amount” = the Loan Net Amount – Aggregate Subsidized Outstanding
Principal Balance “determined amount” above (but not less than zero).

If loan type equals D1, D2, D5, or D6

“determined amount” = the Loan Net Amount – LOAN
D_TOTAL_DISBURSEMENT_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

Aggregate Subsidized Total

= Aggregate Subsidized Outstanding Principal Balance
+ Aggregate Subsidized Pending Disbursement
= N/A, if no loans meeting criteria

Aggregate Unsubsidized Total

= Aggregate Unsubsidized Outstanding Principal Balance
+ Aggregate Unsubsidized Pending Disbursement
= N/A, if no loans meeting criteria

Aggregate Combined Total

= Aggregate Combined Outstanding Principal Balance
+ Aggregate Combined Pending Disbursement
= N/A, if no loans meeting criteria

Aggregate Consolidation Total

= Aggregate Consolidation Outstanding Principal Balance
= N/A, if no loans meeting criteria

Perkins Total Disbursements

= Σ LOAN_OUTSTANDING_PRINCIPAL_BALANCE,
where loan type equals DU, EU, NU, or PU
= N/A, if no loans meeting criteria

Perkins Current Award Year Disbursements

= Σ LOAN_DISBURSEMENT_DIFFERENCE_AMOUNT,
where loan type equals DU, EU, NU, or PU
and LOAN_DISBURSEMENT_DATE is in 2002-2003 Award Year (07-01-2002 through
06-30-2003)
= N/A, if no loans meeting criteria

For a given loan, sum LOAN_DISBURSEMENT_DIFFERENCE_AMOUNTs by date and limit the sum to a minimum of zero as each difference amount is added to the sum.

Defaulted Loans Change Flag

= #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and defaulted loans flag for the last prescreening is not equal to the defaulted loans flag for this prescreening
= N, otherwise

Discharged Loans Change Flag

- = #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and the discharged loans flag for the last prescreening is not equal to the discharged loans flag for this prescreening
- = N, otherwise

Satisfactory Arrangements Change Flag

- = #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and the loan satisfactory arrangements flag for the last prescreening is not equal to the loan satisfactory arrangements flag for this prescreening
- = N, otherwise

Active Bankruptcy Change Flag

- = #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and active bankruptcy flag for the last prescreening is not equal to the active bankruptcy flag for this prescreening
- = N, otherwise

Overpayments Change Flag

- = #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and one or more of the overpayment indicators (Pell, FSEOG, or Perkins) changed since the last prescreening
- = N, otherwise

Aggregates Change Flag

- = #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and one or more of the aggregate amounts (Aggregate Subsidized Outstanding Principal Balance, Aggregate Unsubsidized Outstanding Principal Balance, Aggregate Combined Outstanding Principal Balance, Aggregate Consolidation Outstanding Principal Balance, Aggregate Subsidized Pending Disbursements, Aggregate Unsubsidized Pending Disbursements, Aggregate Combined Pending Disbursements, Aggregate Subsidized Total, Aggregate Unsubsidized Total, Aggregate Combined Total, Aggregate Consolidation Total) changed since the last prescreening
- = N, otherwise

Perkins Change Flag

- = #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and one of the Perkins fields (Perkins Total Disbursements, Perkins Current Award Year Disbursements) changed since the last prescreening
- = N, otherwise

Pell Change Flag

- = #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and the Pell awards selected are different than the last prescreening or the same Pell awards are selected but one or more of the Pell award fields (scheduled amount, award amount, amount paid to date, remaining amount to pay, percent eligibility used, verification status, or expected family contribution) changed since the last prescreening
- = N, otherwise

Additional Pell Flag

- = Y, if more than 3 Pell awards meet the selection criteria
- = N, otherwise

Additional Loans Flag

- = Y, if more than 6 loans meet the selection criteria
- = N, otherwise

DL MPN Flag

- = A, if applicant has a Direct Loan with a Master Promissory Note in Accepted status
- = I, if applicant has a Direct Loan with a Master Promissory Note in Inactive status
- = C, if applicant has a Direct Loan with a Master Promissory Note in Closed status
- = N, if applicant has no Direct Loans with a Master Promissory Note

NOTE: In the case of multiple DL Master Promissory Notes, order of precedence is A (first), I, and C.

Applicant Results Pell Information Detail Record (Type 2)

Pell information is selected for Pell grants:

- where PELL_GRANT TYPE = 'PE'
- and PELL_GRANT AWARD_YEAR = specified award year
- and (PELL_GRANT AMOUNT_PAID_TO_DATE > 0
- or PELL_GRANT REMAINING_AMT_TO_PAY > 0)

The specified award year is 2003 for 2002-2003 Prescreening.

OPE ID

- = reporting school code/reporting school branch code, if present
- = attending school code/attending school branch code, otherwise

Applicant Results Loan Detail Record (Type 3)

For prescreening, an applicant's loan record is selected for extraction/display if it has one of the 'display' loan status codes or if it is a Perkins loan with a death (PD) or disability (PI), up to a maximum of 6 loans. Loans are sequenced by descending period begin date and outstanding principal balance.

Change Flag

= #, if the applicant information matches either the same student or the same parent borrower as the last prescreening for the applicant information and the loan was not selected for the last prescreening or the loan was selected for the last prescreening but the net loan amount or current status code changed since the last prescreening
= N, otherwise

Net Amount

= LOAN AMOUNT - LOAN D_TOTAL_CANCELLATION_AMOUNT
Limited to a minimum of zero.

Outstanding Principal Balance and Outstanding Principal Balance Date

Outstanding Principal Balance and Outstanding Principal Balance Date values are derived as indicated in the following table.

Outstanding Principal Balance in NSLDS	Outstanding Principal Balance Date in NSLDS	Outstanding Principal Balance Output	Outstanding Principal Balance Date Output
zero	zero date ('0001-01-01' in database)	N/A	N/A
zero	plug date ('1900-01-01' in database)	zero	N/A
zero	not zero date ('0001-01-01' in database) and not plug date ('1900-01-01' in database)	zero	Outstanding Principal Balance Date from NSLDS
not zero	zero date ('0001-01-01' in database) or plug date ('1900-01-01' in database)	Outstanding Principal Balance from NSLDS	N/A
not zero	not zero date ('0001-01-01' in database) and not plug date ('1900-01-01' in database)	Outstanding Principal Balance from NSLDS	Outstanding Principal Balance Date from NSLDS

Period Begin Date

= N/A, if LOAN PERIOD_BEGIN_DATE = zero date ('0001-01-01' in database)
= LOAN PERIOD_BEGIN_DATE, otherwise

Period End Date

= N/A, if LOAN PERIOD_END_DATE = zero date ('0001-01-01' in database)
= LOAN PERIOD_END_DATE, otherwise

Current GA Code

= N/A, if none (spaces)

= LOAN D_CURRENT_GA_CODE, otherwise

Contact and Contact Type

Contact and contact type are determined using the following logic.

For FFEL loans:

Set Contact to N/A (default value)

Set Contact Type to N/A (default value)

If LOAN D_CURRENT_GA_CODE IS 555

 If LOAN ED_FFEL_REGION_CODE is 04, 05, or 09

 Set Contact to LOAN ED_FFEL_REGION_CODE

 Set Contact Type to EDR

 Else

 Set Contact to 05

 Set Contact Type to EDR

 End-If

Else

 If LOAN D_CURRENT_STATUS_CODE is one of the defaulted status codes

 If LOAN D_CURRENT_GA_CODE is not spaces

 Set Contact to LOAN D_CURRENT_GA_CODE

 Set Contact Type to GA

 End-If

 Else

 If LOAN D_CURRENT_LENDER_SERVICER_ID is not spaces and not zeros

 Set Contact to LOAN D_CURRENT_LENDER_SERVICER_ID

 Set Contact Type to LNS

 Else

 If LOAN D_CURRENT_LENDER_CODE is not spaces and not zeros

 Set Contact to LOAN D_CURRENT_LENDER_CODE

 Set Contact Type to LEN

 End-If

 End-If

 End-If

End-If

For FDLP loans:

Set Contact to N/A (default value)

Set Contact Type to N/A (default value)

If LOAN D_CURRENT_GA_CODE IS 555

 If LOAN ED_FFEL_REGION_CODE is 04, 05, or 09

Set Contact to LOAN ED_FFEL_REGION_CODE
Set Contact Type to EDR
Else
Set Contact to 05
Set Contact Type to EDR
End-If
Else
Concatenate the current responsible FDSL_P_SERVICER CODE and
FDSL_P_SERVICER_BRANCH CODE
Set Contact to the concatenated value
Set Contact Type to DLS
End-If

For Perkins and FISL loans:

Set Contact to N/A (default value)
Set Contact Type to N/A (default value)

If LOAN D_CURRENT_GA_CODE IS 555
If LOAN ED_FFEL_REGION_CODE is 04, 05, or 09
Set Contact to LOAN ED_FFEL_REGION_CODE
Set Contact Type to EDR
Else
Set Contact to 05
Set Contact Type to EDR
End-If
Else
Concatenate the associated SCHOOL CODE and SCHOOL_BRANCH CODE
Set Contact to the concatenated value
Set Contact Type to SCH
End-If

Academic Level

= N/A, if none (space or N).
= LOAN ACADEMIC_LEVEL, otherwise

Additional Unsubsidized Flag

= B, if both LOAN_ORIGINATION_SUPPORT_ADDITIONAL_PLUS_DENIAL_INDICATOR and
LOAN_ORIGINATION_SUPPORT_ADDITIONAL_HEALTH_PROF_INDICATOR are Y
= P, if LOAN_ORIGINATION_SUPPORT_ADDITIONAL_PLUS_DENIAL_INDICATOR is Y and
LOAN_ORIGINATION_SUPPORT_ADDITIONAL_HEALTH_PROF_INDICATOR is not Y
= H, if LOAN_ORIGINATION_SUPPORT_ADDITIONAL_PLUS_DENIAL_INDICATOR is not Y
and LOAN_ORIGINATION_SUPPORT_ADDITIONAL_HEALTH_PROF_INDICATOR is Y
= N, otherwise

Capitalized Interest Flag

= Y, if LOAN_OUTSTANDING_PRINCIPAL_BALANCE > Loan Net Amount

= N, otherwise

Last Disbursement Amount

= Σ LOAN_DISBURSEMENT_DIFFERENCE_AMOUNT

where the disbursements are considered in descending date order and the summation is stopped when the summed amount is greater than or equal to zero. If summed amount is negative after all disbursements are considered, zero is used.

= N/A, if loan has no disbursements

Last Disbursement Date

= LOAN_D_CURRENT_DISBURSEMENT_DATE

= N/A, if loan has no disbursements